

METHOD OF MANUFACTURING A REINFORCED FLEXIBLE LAMINATE SEALING STRIP

Abstract

The present invention provides a method of manufacturing a laminate flexible strip for attachment to a vehicle in the form of a weather sealing strip. The strip includes a core member and a filler layer of elastomeric seal material disposed about and into the voids of the core member. The core member is formed by bending a wire into an undulating pattern that forms a number of continuously connected longitudinally spaced and laterally extending u-shaped metal clamping clips for reinforcing the seal material. A number of continuous laterally spaced and longitudinally extending linear fibers are attached to the clips to maintain the spatial relationship between the bent wire members. While the fibers or laminate maintain the longitudinal spacing of the wires, they also allow the core to flex laterally and compress longitudinally in the finished extrusion. The fibers may be made of the same material as or a material dissimilar to the clips.